

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2008/000367

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl.		
C12Q 1/68 (2006.01)		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used): WPIDS, MEDLINE CAPLUS, KEYWORDS: RIBONUCLEIC ACID, SECONDARY STRUCTURE, SULFITE, CITRATE, ACETATE, HYDROXYLAMINE, INTERCALATING, C12Q1/68 and similar terms		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US20060166203 A1 (TOOKE) 27 July 2006 Claims, 1, 25, paragraphs [0041-0090] Whole document	1, 2, 5-16, 19 3, 17, 18, 20
X	US20070042365 A1 (MILLAR et al) 22 February 2007 Abstract, [0014-0016], [0070][0087][0123] Paragraph [0162]	1, 2, 4-7, 16 3, 8-9, 17-20
X	WO2004096825 A (HUMAN GENETIC SIGNATURES PTY LTD) 11 Nov. 2004 P5 lines 22-33, p7 lines 15-20, p 23 lines 5-33, figure 5, claims 5, 6, 10, 18, 25-27	1, 2, 5-7, 10- 13, 16
Y	Page 21, lines 20-25, claim 6	3, 8-9, 14, 15, 17-20
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> See patent family annex
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which it cited to establish the publication date of another citation or other special reasons (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&*&" document member of the same patent family</p>		
Date of the actual completion of the international search 28 April 2008		Date of mailing of the international search report 14 MAY 2008
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. +61 2 6233 7999		Authorized officer Ross Osborne AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No : (02) 6283 2404

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages <i>(Remove spaces when completed if the page is too long)</i>	Relevant to claim No.
X	US20060051771 A1 (MURPHY et al) 9 March 2006 Abstract, paragraphs [0020][0022][0118][0121], example 1, claims 1, 58 and 65	1, 2, 5-7, 10- 13, 16
Y	Claim 1, [0020][0022] Kozak et al, Influence of secondary structure on binding and migration of 40S ribosomal subunits, Cell, (1980) Vol 19, p79-90	3, 8-9, 14-15, 17-20
Y	Abstract, p83, 89	8-9, 14-15
Y	US6156501 A (McGALL et al) 5 December 2000 Abstract, column 7 lines 39-58, claims 26-42	3, 17-18, 20
P, A	US20070264653 A1 (BERLIN et al) 15 November 2007 Abstract, [0098] [0152] [0385], claims 9-10	3, 17-18
A	Ratushna VG, et al, Secondary structure in the target as a confounding factor in synthetic oligomer microarray design, BMC Genomics (2005, Mar) Vol 6 No 1 p31 Abstract	1
P, A	US20070190530 A1 (BIRKNER et al) 16 August 2007 Abstract, claims	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/AU2008/000367

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member			
US 2006166203	AU 2003265185	WO 2004029294				
US 2007042365	AU 2004206037	CN 1764729	EP 1592807			
	WO 2004065625					
WO 2004096825	AU 2004234019	CN 1784417	EP 1620452			
	US 7288373	US 2004219539	US 2007020633			
US 2006051771	EP 1786930	US 7361465	WO 2006029350			
US 6156501	AU 30090/97	AU 72124/94	AU 81266/94			
	EP 0705271	EP 0730663	EP 0742287			
	EP 0785280	EP 0950720	EP 0970251			
	HK 1014561	JP 2004105189	JP 2005058238			
	US 5837832	US 5858659	US 5861242			
	US 5968740	US 6027880	US 6045996			
	US 6268152	US 6284460	US 6300063			
	US 6309823	US 6468744	US 6586186			
	US 6632605	US 6852488	US 6953663			
	US 7115364	US 2002048749	US 2002098496			
	US 2002177131	US 2003054393	US 2003134291			
	US 2003165823	US 2003165830	US 2003232361			
	US 2004072202	US 2005208517	US 2006110727			
	US 2006110752	US 2006229824	US 2006263807			
	US 2007054286	US 2008044920	WO 9500530			
	WO 9511995	WO 9743450	WO 9830883			
US 2007264653	EP 1842926					
US 2007190530	CA 2547743	EP 1692315	WO 2005054502			
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.						
END OF ANNEX						

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